LOG BOOK. Year 1811.

Brig NANCY of ROCHESTER

Mattapoisett Mass

Capt Bridges.

Kept by Seth Barlow. Voyage to Ireland & Bonna Vista

196

THE
ANDREW SNOW, JR.
COLLECTION

Brig. NANCY of Rochester
(Mattapoisett) Mass.

Left New York Apr. 10th. 1810
Retd. " " Sept.15th. 1811.

Voyage to Ireland thence to Buena Vista for SALT.

Capt. Briggs
Mate Seth Barlow kept this Log.

Mr. Hiller one of Crew.

This record begins off Coast of Africa July 20" 1811

This book was evidently purchased in Dublin.

Some 15 years after this voyage the Author was probably employed at Shoe-making and kept his accounts in this book. He was something of a student as many pages during the voyage are devoted to Mathematics. Was a man of considerable intelligence, the Log is quaint and interesting.

Old Dartmouth
WHALING MUSEUM LIBRARY
Historical Society

Samuel Bowles Dr

1826

7.30	To Making 7 Pare of Shoes		
20	at 58 Cents per Pair	4	06
10	To Mending 3 Pair Shoes	0	49
34	To mending 2 Pair of Shoes	0	37½
3.0	To making one Pair Shoes	0	58
20	To Mending one Pair of Shoes	0	30
2.04	To Making one Pair Shoes	0	58
	To Mending 3 Shoes	0	34
	To tapping and capping Boots	0	20
	To tapping and soleing N. E.	0	25
83	To Capping one Boot	0	10
3	To Mending Shoes	0	34
2,49	To Making 3 Pair of Shoes	1	74
3.50	To taping and Caping 1 P. Shoes	0	25
	To Mending one Shoe	0	05
45	To Mending one Pair Shoes	0	10
	To New Soaling one Pair	0	34
	To taping and Capping 3 Shoes	0	30
	To tapping and [illegible] Shoes	0	20
	To tapping Welting heels Shoes	0	25
	To Making one Pair Shoes	0	58
	To tapping and heeling one Pair		25
	To Mending one Shoe		10

1811

Latitude 24°.55' N

Observation							
25°.53'							
12							
25°.05							
21°.00							
04°.05							
90°.00							
24°.55							
	2	4					
	4	4					
	6	5	1/2				
	8	5					
	10	5	1/2				
	12	5	1/2				
	2	6					
	4	6					
	6	6					
	8	7					
	10	8					
	12	8					
140	134	41	24°.55'	84°.55'	61	17°.12' W.	

Lat left 27°.19
Lat in 25°.53
2 02°.14
26°.87
90°.00
6 Hr. 63°.33 L.

Lat left 27°.19
Dif Lat. 2°.14
Lat by 24°.55' N.

Long left 16.26
.46
Long in. 17.12

Wd. 28
41
Miles 69

Course
S. by W. ½ W.

Saturday July 4th

Remarks. — This Day fresh trades and Cloudy Weather. Mended the Foretopgallan Sail which was rent asunder from the Top to the Bottom like the veil of the temple of Old. Sent up the Yard and Set the Sail. Saw a Plenty of flying Fish. one hard the Mizzen then to carry on board the Jolly Boat on Deck. Employed P. M. in all Sail set. Sounded the D[illegible]

Latitude 22° 17" S.

M	K.	½	Courses.	Winds.	L. W.	Practicle
						Lat Left 24° 55'
						Lat in 22° 17
2	8		S. W by S.			2)47° 12
4	8					23° 36
6	8					90° 00
8	9		.....			C. Mid. 66° 24 L.
10	9	½	S. W.			
12	8	½	.....			Lat Left 24° 55
2	8	½				D. Lat 2° 41
4	7	½	S. W by W.			Lat K. 22° 14
6	7	½				
8	7		.....			Mid. 69
10	6	½				41
12	6		S. W.			Miles 110
						Long left 17° 12"
						Long Mi. 1° 37
						18° 49
						Course
						S 29° W

194	161	89	22° 17'	22° 14"	110	97	18° 47" W.

Observation
98° 20'
12
88° 32
20° 49
67° 43
90° 00
22° 17

Sunday July 21 20 M

Remarks This Day Very Fresh Trades and Cloudy Repaired the Jolly Boat, and took the Long Boat out of the Chocks to Caulk, at Midnute Jibed Ship, and Shifted Studing Sails, Carried away the Clew of the Fore topsail Sewed it Down, repaired it, and Set the Sail at 8 in the Morning Jibed again, Found Some Sick on board have made the greatest run the last 24 hours that we have ever Made Since I have been on Board the Sun almost Vertible, Crossed the Tropic of Cancer between 6 and 8 this Forenoon Thus ends the Day. Variation 1½ Points West

1811.

Latitude 20° 15" N.

Observation	H	K	½	Courses	Winds	Ms	Lat. & Dep.
° "							Lat. left 22° 17
89° 25		5	½				Lat. in 20° 15
12		5	½	N & by E.			2 42° 32
89° 37		5		,,,,,,,,,,,,,,,,,,,,			21° 16
90° 00		5					90° 00
00° 23		6		N. E.			C. M. 68° 54 Lat
20° 38		5					Lat left 22° 17 N.
20° 15 Lat		5					Dif Lat 1° 54
		5					Ships 20° 23 Lat.
		6		,,,,,,,,,,,,,,,,,,,,			Lon. left 18° 47
		5					Lon M. 58
		5	½	E. S. E.			W. left 19° 47
		7	½	,,,,,,,,,,,,,,,,,,,,			M. D. 97
		6	½				54
		3	½	N. E.			151 Miles
							Course this Day
							S. S. W ¼ W.
128		114		54	20° 15"	20° 23"	151	58"	19° 46 W.

Monday July 29 1811

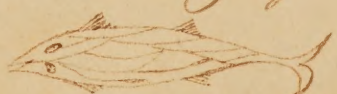
First of this Day fresh Winds and Good Weather, latter Part Squally, with a little of Something like rains at 6 Clock P.M. by the appearance of the Water Judge Ourselves to be near the Affrican Coast, tryed for Soundings with 90 Fathoms of line but got no bottom, Carried away the Larboard Main topgallant Sheet and Royal Halyards, this Day 23 Miles to the Southward of the Sun, Set a Jackmast up Perpendicular on the Binnacle and it gave no Shade, thus ends the Day, all Sail Set. Allow 1° Variation

Latitude 20° 25' S.

Observation	h.	k.	½	Courses.	Winds	¼	Practice
87° 46'	2	4		S. W.			Lat left 20° 13' S
12	1	5		.....			Lat in 18 25
87° 58	2	6					2)38° 40
90° 00	3	6					19° 20
2° 02	8	6	½				90° 00
20° 27	11	6					D. M. 70° 80 Lat
18° 25	12	5	½	S W. by S.			Lat from 20° 13'
	2	5	½				D. Lat. 1° 45'
	4	3	½				Ships. 18° 30 Lat
	7	3	½				
	8	4	½	.....			
	11	4					
	12	4		S S W.			S. S. W. ¼ W.

116	105	50	18° 25'	18° 30'	201	53	20° 39' W.

Remarks &c. This Day Moderate Gales. Sometimes Clear and then Cloudy, at 2 o'clock P. M. Jibed over the Main Boom, and Hoisted Studing Sails, at 6 Jibed again, saw a Plenty of Long



Variation 1¼ W.

and a Great Multitude of Smaller, also a very disagreeable Shark, but enough this Day to be on the Confines of Tophet, find the Pumps to be Awashed with Norway Sand, took up a Barrel of Pork and one of Water, thus ends the Day, all Saint Jeff

Allowed 24 Miles on the Course Steer, for Currant.

Latitude 16° 26' N.

h.	h.	½	Courses	Winds	½ DW.	Practicle
2	3			N. Eby N.		Lat left 19°25'
4	4					Lat in 16°26
6	3	½		.....		2)34°51
8	3	½				17°25
10	3	½		N by E		90°00
12	3	½				C.M. 72°35 Lat
2	6			.....		Lat left 19°25
4	4	½				D. Lat. 1°59
6	3	½				Lat in 16°26
8	4	½		N. E.		M.D. 201
10	5	½				24
12	3	½		Var. 1P.W.		225
						Dep. left 20°39
						Dep. in 23
						21°04
						Course S by W½ W

12-1	119	24	16°26'	16°21'	225'	25	21°04 W.

Remarks This Day Moderate Gales and Clear Sent down the fore top gallant Yard, repaired the D.S. Dust Cloat and Sent it aloft again d. In the Morning Some Sailing in the S. E. the first Seen Since Sailing, At Noon Spoke in with and Capt. Indian Ship from Calcutta bound for London 16 weeks out, She Sent her boat on board, with the first Lieutenant, Supply them with a Small quantity of Butter, Potatoes and Porter in return for which they Sent us an Old Sheep, Bale Hoop &c Themselves to be in Long. 21°32 true ride the Day

Latitude Left

Longitude Left

25°59
12
26°11
20°00
3°43
20°15
18°26

Latitude 16° 14' S.

Thursday July 25th

h.	h.	½	Courses.	Winds	Leeway	Practice
2	3	½	S. W.			Lat. left 16°26 S.
4	4	½	.....	N. E.		Lat in 16°13
6	4		.....	.....	1	2)32°40
8	2	½	W.		1	16=20
10	3			E. N. E.	1	90=00
12	2		.....	.....	1	D.M. 73°41 Lat
2				Calm	1	
4			Lay to	.....	1	
6	1	½	.....	S.	1	
8	2			.....	1	
10	4		West.		1	Course
12	5			S. S. W.	1	S. 77° W.

58	13	57	16°13'	16°14'	282	60	22°04' W.

Lat left 16°26 S. Lat in 16°13 — 13 — Dep. left 282 — Dep. 282 — Mid. Lat 22°04' — Lat in 16°13 — Mid. Lat 22°04' — Course S. 77° W.

N. 85°59" — 12 — 85°11 — 90°00 — 3°49 — 20°03 — 16°13 Lat

Remarks — This Day fresh Gales and Calms, at 4 Oclock P.M. having our Latitude out, Tacked ship and Steered West, All hands employed at Sprouting Potatoes, the Ship Georgianna out of Site, at 12 took in Sail and lay by, Nothing quite Squally all in the Morning made Sail again but no Land in Site, at 2 P.M. Set Studing Sails. at 10 took them in again, Landed the royal, and Braced Close on the Wind, Some Small rain, See three very large Whales, and a Plenty of Smaller Fry, Allowed one Point for the Swell which comes from the S. W. Variation 1 Point West, and Sail out

Latitude

Friday July 26th

H	K	½	Courses	Winds	L. W.	Practice D
2	4		W. D	S. S. W.		
4	4					
6	5		.....			
8	3	½		.....		
10	3	½	W. N. W.	S. W		
12	4		.....			
2			Calm	.....		
4			.....			
6	2	½				
8	2		Different	E. S. E		
10	2	½	Courses			
12	2					

Remarks. — The last 24 Hours the Wind as far at times a S. S. W. and even as far as S. W. which is very uncommon for the trade, at 1 Oclock P. M. made the Land bearing from W. b S. S. W. 11 Leagues Distance, and appeared as above. Bent Cables. at 8 Landed the Mainsail, Wind very Small, at Midnight Clost in with the Land Stood off. In the Morning entirely Calm, Saw a Ship at the eastward and a Schooner to the Westward at Noon let go our Anchor in Bonavista Roads in 7 fathoms of Water, the Capt gone on Shore to wait on the Governor

Latitude

Saturday July 27th

h.	k.	℔	Courses	Winds	℔	Practice
2.						
1				Eastern		
2				.....		
3				E.		
4				.....		
5				N E		
6				.....		
7				N.		
8				.....		
9				N. N W.		
10				.....		
12				N E.		

This Day Little Cold Weather Cloudy, Squally Winds and far to the North. the Inhabitants have been Employed for these some Days past in a Hurricane, for it is uncommon to have the Wind from the N W without producing one, but these have been happily Disappointed

Latitude 16" 38" N.

Saturday July 27

H	K.	½	Courses	Winds	L W.	Remarks
2						The Letter
4						which I wrote
6			at Anchor			to send to my
8						aged Parents
10						I had the Un-
12						happiness to lose
2	4				1	overboard in get-
4	4				1	ting it on board
6	4		N. N. W.		1	the Ship Some
8	4				1	some contention
10	4				1	on board which
12	4				1	is worse than all.

Remarks This Day Fresh weather with some rain first with the Ajax & Cutter came on board as a Pilot. the Boyne Ship in getting under way came Down under our Bows which Carried away our Jib Boom & Bowsprit at 1 o'Clock got under way for the Ajax & Cutter & Proceed on the way at 8 N. N. W. in the Morning at 8 Sent a Boat with Lieut. Inglefield & Friend to the Boyne Ship by the Boat Returned back at Noon & Came at Anchor at Noon

Latitude 16° 45" S.

h.	k.	½	Courses	Winds &c.	½ W.	Remarks
2	3	½			/	
4	3	½	N. E. & E.		/	
6	3	½	.....		/	
8	3	½			/	
10	3	½	E.		/	
12	3	½	.....		/	
2	3	½			/	
4	3	½	N by W.		/	
6	3	½			/	
8	3	½	.....		/	
10	3	½			/	
12	3	½	N.		/	

Sunday 28th

First of this Day Cloudy, Latter part a Steady Storm of Rane, which is quite uncommon for this Latitude,

Imployed at Seaveing the Small Boweer Cable, at 6 Oclock Saw the Land direct to windward, Bearing E N E, appeared like a Stack of Hay, with the Top blown off— went about at every 2 hours, at 6 A. M. Saw both Bonnetta and the Isle of Saltt— a Stoop and Schooner to Leward, at 10 Spoke a Nantucket whale Ship 2 Months out bound for the Brazils, put some Letters on board for our Island, landed the F. F. C. Sack, 5 ends the Day

Latitude 16.. 55

M	K.	½	Winds	Courses	L. W.	Remarks
2	4		E. N. E.		½	Saw many
4	4				½	
6	4		.....	.....	½	
8	4			Various many	½	which our Boat
10	3	½	N. E.		½	Said were
12	2	½		Courses Steered	½	Mackerel
2	1		.....	the	½	we also Saw
4				Last 24 Hours	½	Porpoises but
6			E	.....	½	Could Strike
8	3		.....		½	none of them,
10	3		E.		½	
12	4	½	E.		½	Cool Weather

First of this Day Stormy, latter part better Weather, About This at every Watch, at 6 P.M. Near the Isle of Sable, bearing E. S. E. Distance 6 Miles Handed the Mainsail Thunder and Litening in the S. West with a Flurry of Rain, from 12 till 6 in the Morning calm, Set the Mainsail and handed the Mainstaysail Instead of being Near the Isle we found ourselves to be far to Leeward, at 10 Saw it again bearing S. by E. a long Distance, by Observation 16.. 55' N. so ends the Day

Monday 25th July

Isle of Sett

Tuesday July 30 1811

M	H	½	Courses	Winds	Lee Way	Remarks
2	3				1	
4	4					
6	6					
8	2			.....		
10	1					
12	½					
2	6			Calm	1	
4	3				1	
6	2	½		.....	1	
8	3	½				
10						
12						

This Day fair and Clear Weather, both fine Breezes and Calms, at 2 Oclock within ½ a Mile of the Isle of Sett, Run down along Shore which appeared as above, one of our Crew remarked, that any person who lives and Dies on this Barren Island will of course be happy beyound Death, though they Should belong to the number of those who go down to Perdition, — when we came to the South point was Becalmed, lay off an on till 6 in the Morning, when we made Sail and run in, at 8 came too with the Small Bower in 3 fathoms of Water. Handed the Sails, took the Stream anchor on Shore, hauld in and began to Discharge our Stone Ballace, So ends the Day

1811.

Isle of Salt

H	K	½	Courses	Winds.	Lee Way.	Remarks
2						Light Airs and Pilot Boat two Cables Length from the Shore
4						Saw the Pilot Boat Sail from us
6						at 11 Weighed and Sailed
8			At			at 12 Moderate and Fair
10						
12						
2			Anchor			
4						
6						
8						
10						
12						

Boyd's

Boyd's Isle of Salt 31 Days

This Day fresh gales, Cloudy and Dirty Weather, Employed at heaving out

Stone Ballast

took our Wasted Casks, and Wasted on Deck, Built a Bulk head aft, and laid the Dunnage as far forward as the Well room, took our Stream Cable to the rocks and Anchored it, Under run the Cable and Boyed it up with Casks, found it to be chafed much already, the Breakers foaming and Dashing all round us, thus ends the Day,

Thursday August 1st

	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2
Course															
Winds															
Remarks	This Day fresh winds at E. S. E. Cloudy with Some rain, at 2 Oclok this morning Parted our Stream Cable which was fast to the rocks on Shore, Imployed good Part of the Day throwing Stone Ballast Saved our Stream Cable with rounding, took out the Wedge Anchor and hauled it out to the N. N. E. Shore in on the Small Boat & Buoyed up both Cables with Wasted Casks, had an express from the Governor, to get under way for our own Safty														

Course 240 Degrees Distance 1 Mile

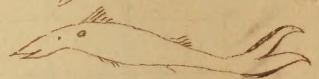
Course, Then ends the Day at Great Egg Harbour in Delaware Bay

The wind Blows in the Harbour

1811,

Isle of Salt

Sunday August 2nd

h.	h.	½	Courses	Winds	L.	Remarks
2						
4						Got a Plenty of
6						Fish
8						
10						Please to Look
12						at them
2						
4						
6						
8						This evening quite
10						Moderate.
12						

This Day fresh Gales and Cloudy
Finished takeing out — Ballace
and Completed —
laying Dunage fore and aft
took on board one boat load of Grass to lay in
the Ceiling, also got out Stranded Stream Cable
on board from the Rocks, fleeted Hawse &c

Took in 540 Bushels of Salt
as Cargo, This ends the Day

Isle of Salt

1851

August Thursday 3

2					This afternoon we
4					were honoured by
6					a Visit from the
8					Governours Young ist
10					Daughter, a Girl
12					of about 13 Years
2					old, – and rather of
4					a Smarthy Complexi
6					ion – took a Plenty
8					of Sire
10					
12					

This Day Stiff Winds and flying Clouds, Busy at heaving in and Paying out Cables Rigged a manawars Sail to our Long Boat but it not Answer the Purpose at all, took in this Day

720 Bushels of Salt

which we have to Boat ½ a Mile at Least, and to take from off a Rock where the Water Breaks at no Small rate, Sends this Day and Week

1811 Isle of Salt

Sunday August 18th

h.	h.	½	Courses	Winds	½ W.	Remarks
2						This Day Concludes Fair from Montreal Since we Sailed from New York —
4						Fine Sailing Time Winds Fair with
6						Fine Weather Saw Land in the
8						Morning Saw it with Trees on it
10						a Sandy Point Where we Shall Go to
12						Sea no more —
2						
4						
6						
8						
10						
12						

This Day Fresh and Steady gales In the forepart of the Day Cleared down Decks Hove Up &c, took the Stream Anchor from off the Bow, Sent on board went out a Sabbath Days Journey into the Isle found it to be Desolation, no individual green thing to be met with, the Salt Pond is of the most Value and the Greatest Curiosity, — The Governor and half the Cudgoes belonging to the Place Dined on board,

Isle of Salt

Monday August 5th

hr.	hr.	½	Courses	Winds	W.	Remarks
2						
4						
6						
8						
10						
12						
2						
4						
6						
8						
10						
12						

At Anchor

This Day begins a new Week which we have husbanded to the Best advantage possible. took on board from the Rock

340 Bushels of the Island.

Fresh Winds and good Weather. took on board one Boat of Dunage, caught as Plenty of thus ends this Day, half our Cargo in

Isle of Salt,

Thursday August 26th

h	h	½	Courses	Winds	½ W	Remarks
2						
4						
6				N. N. E.		
8						
10						
12				.....		
2						
4						
6				E. N. E.		
8						
10						
12						

This Day Moderate and Cloudy Weather, In the forenoon weighed our Sheet Anchor with the Long Boat, and took it out more to the Eastward, took the Stream Anchor on board again In the evening boated off from the rock

240 Bushels of Salt

which is all there is down from the Pond

thus ends the Day

Isle of Salt

Thursday August 7th

h.	h.	1/2	Courses	Winds	L/W	Remarks
2						This Little
4				Calm		Barren Island
6				.....		contains Seven
8						Considerable
10				N. N. E.		Mountains and
12				.....		a Number of
2						Salt Ponds,
4				N. E.		Some of Which
6				.....		make a Large
8						Quantity of Salt
10				E. N. E.		
12						

The first of this Day moderate Calm and Clear Weather, Latter part brisk gales gales and Cloudy, Employed at trimming the Salt in the Hold, and Many other Jobs, Some at Calking &c Under run the Sheet Cable and Bouyed it ahead, took in as Cargo

120 Bushels of Salt

So ends this Day

Isle of Salt,

Thursday 8th August

h	h	½	Courses	Winds	₰	₰ W.	Remarks
2			E. by S.	E. N. E.			This Day Fair & over Cast Latter Part Sent Mr Hillar and James Ashore
4							Day, = Do, & the middle Part
6				.....			Cloudy & over Cast Sent Ashore
8							Mr Hillar & James Ashore
10							Sent Ashore
12				N. E. by E.			Sent Ashore
2							Sent Ashore
4				.....			Sent Ashore
6							Sent Ashore
8				N. E.			Sent Ashore
10							Sent Ashore
12							Sent Ashore

This Day Breezes and Ripling Clouds, In the forepart of the Day employed at Trimming Salt, overhawling Cables, Sails and Riggen, in the Afternoon took on Board

360 Bushels of Salt

which is brought ¾ of a Mile on Jackasses and that in the Isle Do ends this Day

Isle of Salt

Friday August 2nd "

H	K	1/2	Courses	Winds	Lat. N.	Remarks
2						
4						
6						
8						
10						
12						
2						
4						
6						
8						
10						
12						

This Days fresh Gales and Cloudy, Rove in the Slack of the Sheet Cable Set up the Maintopmast and Foretopmast riggin A Brig came in belonging to America by the way of Lisbon and Bonavista 100 Days from Connecticut not able to get a Cargo

410 Bushels of Salt

rood Cooking weather. This ends the Day

Wm Allen Merchell Dr

1826	To Mending Shoes and harness	8	0 50
	To making one Pair of Shoes		0 50
	To making one Pair of Shoes		0 68
	To making one Pair of Shoes		0 68
	To making one Pair of Shoes		0 68
	To tapping and Welting one Pair		0 20
1827	To tapping one Pair of Shoes		0 17
	To tapping Welting and heeling 1 Pair		0 25
	To mending one Pair of Shoes		0 10
	To mending Shoes		0 12
	To tapping one Pair &c		0 20
	To tapping welting and heeling 1 Pair		0 25
	To Mending one Pair of Shoes		0 20
	To Mending one Shoe		0 10
	To Making one Pair of Shoes		0 68
	To Making one Pair of Shoes		0 75
	To Making one Pair Girls		0 58
	To Making one Pair Boys		0 58
			20
		7	42
		7	10
1828	To tapping one Pair of Shoes		" 32
	To tapping one Pair of Shoes		" 17
	To tapping one Pair of Shoes		" 17
	To tapping one Pair Shoes		" 20
	To tapping Caping and heeling Shoes		" 34
	To tapping heeling one Pair of Boots		30

5 0

Contra Cr.

1826	To 13½ lbs of Pork	$ 1	35
	To 13 lbs of Pork	1	30
	To a Piece of Upper Leather	0	25
	To a Pair of Cutter Soales	0	25
1827	To 14 lbs of Pork	1	40
	To 2 Bushel of Rye at 90/100	1	80
	To ¾ lbs Pork	"	75
		7	10

1828	To One Bushel of Rye		
	To 2 Bushels of Rye		
	X		
	Mending one pair		25
	Making one pair Shoes	"	60
"	Mending one Shoe	"	05
"	Making one pair of Shoe	"	60
To	Making one pair of Shoes	"	60
"	Mending one Shoe	"	10
"	Making one Pair	"	60
"	Making one Pair	"	70
"	Tapping and Caping one Shoe	"	10
"	Tapping one Shoe	"	12½
"	Do Do	"	12½
"	Mending one pair of Shoes	"	20

This Day fresh gales at

N. E. by N.

In the forenoon, Set up our Backstays fore and aft,
Trimed the Sails
Rufled down the Masts Topmasts, Sheets and Ties
In the afternoon took off.

420 Bushels of Salt

50 Bushels of Fine White Salt
Several Bags of Salted Turtle, Belonging to our Gentleman
Passengers, one Sheep, and a Goat, — — — —

We have in all our Cargo, and ready for Sea,
Find to Leak 160 Strokes per hour for 2 Men Sound the Day

Brought Down 10"

This Morning at 2 Oclock mustered all hands, began to heave ahead, at Day Light hawl the Stbd anchor on the Bows, the long Boat in the Chocks, and the topgallant Yards across.— the Jolly Boat went on Shore took up the Kedge Anchor and brought it on Board, Hove up the Small Bower, and Made Sail, a Boat from the Governer came along Side, and gave us a Deck Load of Jackasses, Goats, Turtles, and Negroes, which has given us the title of the Bonvestta Jackass Packet.— Set Studing Sails,— at Noon Saw our Port of Destination which Looked thus

Light winds at E. & E. and fair Weather, at 6 in the Evening let go our Anchor in 3 Fathoms of Water in Bonvestta Harbour, but 3 Ships in Port, 2 of them Americans— the Capt on Shore, so ends the Day

Sunday August 8th

Bonavista

This Day fine Winds and Pleasent Weather Clear and a Warm Sun, took the Long Boat out of the Hooks Calked the Main Hatches, and Secured them Down, replaced the Boat, and Coiled the Stream Cable in her again, took up the Small Cable, cleared out and replaced it,— Discharged our Deach Load, which Consisted of Goats, Turtles, Jackasses &c,— Got a Brige boat and took off

680 Gall. of Water

which is brought out of the country upwards 1½ Miles by Negro Wenches on their heads, it Cost 2 Cents a Gallon, Stood the Waster on the half Deck which brought 9 Oclock,— The People told the Capt the Brig Leaked too bad to Proceed to Sea, (which is my opinion too)— Find her to Leak 14 Inches per Hour in Smooths Waster, So ends the Day,

Wind N. E. Ready for Sea again

Monday August 12th

Tuesday August 13th

This Morning at 6 Oclock A.M. Got underway, with a fine gale at N.E. and clear Weather. Stood out on the Wind, at 8 oclock wholy Sail out. at 10 carried away the foretopSail tie, for a beginning. at noon

Latitude 16° 28"

Bonavista

and all Land out of Site
got both Pumps in tune,
Left waiting for and Loading with Salt,
Ships Hope Philadelphia
Ship Newburyport.
Ships Boston
Schooner Nantucket
Understand their are many americans at the Isle of May.
Got clear Decks
find the Leak about the Same, In Lat. 16° 28" S. Sounds the Day

A Journal

kept on brig Nancy of Rochester

By

Seth Barlow

Began Tuesday August the 13th 1811 at 6 o'Clock A.M.

From

Bonavista in

Africa

towards

New York,

America.

Latitude 16° 56" S.

	h.	M.	Winds	Courses	W	Wednesday August 14th
2						At 1 Oclock Made Sail
4						Sickes bearing N W by W,
6						5 Leagues Distant, then bore
8				N W.		W. S. W.
10						At Sundry Do's
12						Square Main Sail and reefed
2				.....		Fore Sickes one S. P.
4						Carried away Top gallant
6						Sheets,
8				W. S. W.		Saw Whales
10						Also a Distant Sail Standing
12						before the Wind
						Imbent Sick Calls and Doctor
						the Patients
						Variation 1 W.

Longitude 26° 46" W.

Latitude 17° 06" N.

Fl	Kn.	½	Courses	Winds	
2	6				
4	6				
6	6				
8	6	½			
10	5	½			
12	6				
2	6	½			
4	6				
6	6				
8	6	½			
10	6	½			
12	6	½			

Thursday August 15th

This Day begings with fine winds and fare Weather

Calked down the After Hatches.

Saw a multitude of Flying leaping round the Brig.—

Let the reef out the Main Sail. Set a Stay Sail at the Main Yard, got a Small Banester.— Thus ends the Day all Sail Set. Variation 1¼ Points West

Course.	Dis.	Dif. Lat.	Dep.	Obs.	D K.	M.D.	L. M.	L. In.
W. ¾ N.	148	0°. 22"	2°. 26	17°. 06	17°. 07"	153	2°. 33"	28°. 19

Longitude 28°. 19". W.

Latitude 17° 35" N.

H.	Fl.	½	Courses.	Winds	Lee W.	Fryday August 16 th 1811
2	7	½				Fine Winds and Cloudy weather
4	7			N. E.		
6	6			.....		Squared the Yards,
8	6			E.		Landed Jib and Foretopmast Stay Sail, —
10	7			.....		
12	6					Lite Breezes - - -
2	5	½		E by N.		Saw Sea Sands of
4	5	½		.....		little flying Fish —
6	4					Set the Jib —
8	4					Cut away Some of the Ceiling in order to find the Stream that flows like a river into her, but in Vain
10	5			N. E.		Variation 1 Point W.
12	4	½				Thus ends the Day all Sail Set.

Course	Dis.	D. L.	Dep.	Dlv.	D. K.	M. D.	Lon. M.	L. in
W. by N.	136	27	133	17° 35"	17° 33"	286	2° 19"	30° 38"

Longitude 30° 38" W.

Latitude 17° 45' S.

H	K.	½	Courses	Winds	F. W.	Saturday August 17th 1811
2	5		W. S. W.			This Day flattering weather, and Cloudy,
4	4	½	.....			Made another fruitless Search for the Leak, —
6	4	½				
8	4					
10	4	½				Squally, with a Small Shower of
12	3	½				— — — — — rane — — — — —
2	3					at 4 Oclock a flying [illegible] came in at the Cabin windows,
4	4	½				Unbent the Main Stay Sail for a ringtail, and the fore topmast Stay Sail for a Storter Sail Set them both,
6	5					
8	5					The Present made us by the India Ship gone astern
10	6					Variation 1 P West
12	6					So ends the Day all Sail out

Course	Dis	D.L.	Dep.	L. Obs.	L by C.	M.D.	S M.	L in.
W ½ S.	107	9	106	17° 45'	17° 43'	392	1° 52'	32° 30'

Longitude 32° 30' W.

Latitude 17° 51" N.

H	K.	½	Courses	Winds	L.	Sunday August 18th 1811
2	4			N. E. by N.		Fine Breezes and Clear Weather
4	5					People Imployed at Fishing
6	4	½				Oakum.
8	5	½		.....		
10	5					
12	5	½		N. by E.		Braced the Yards
2	5	½				Trawled Down the Jibb, bent the Sheets and Set it again
4	6					
6	5			.....		Lowdy
8	5	½				Squared the Yards
10	5	½		N. E.		Saw Small Parcel Point Weft
12	5					So ends this Day all Sail out.

Course	Dis.	D. L.	Dep.	L Co.	L by C	M. D.	L. M.	Long
W ¼ S.	125	6	125	17° 51"	17° 51"	517	2° 11'	34° 41" W.

Longitude 34° 41"

Latitude 18° 14" N.

h.	k.	½	Courses	Winds	Rm.	Monday August 19th 1911
						The Day begins with Good
2	5					Weather, fine Gales
4	6		W by N.			
6	7			N. N. E.		Employed at making Oakum
8	6	½	.....			
10	5	½		.....		Squally
12	6					Took in ringtail Mainsail. Studing
2	5	½	W. N. W.			Sails Jib and Royal
4	6			N E.		Made Sail again,
6	6		.....			The Leak about the Same a
8				.....		hearty Spell at every hour,
10			W by N.			Variation 3¼ S. W.
12				N by E.		All Sail Set. Sounds the Day

W 81° N.	133	20	131	18° 14"	19° 11"	650	2° 18"	36° 59"

Longitude 36° 59" W.

Latitude 18° 48' N.

H	K	½	Courses	Winds.	¼ W.	Tuesday August 20th
						Clear and Good Weather
2	5	½				Steady Breezes and Fair.
4	5	½				
6	5	½		N. N. E.		Employed at making
8	6	½				Oakum
10	5	½				Squally looking Weather
12	6	½		" " " " " "		with Small Showers of rain,
2	6	½				took in ringtail
4	5	½				Lead about the Same
6	4	½		N. E.		Set ringtail and took in the fore Sail.
8	4	½				Saw a Sail
10	5	½				Variation 3/4 (I.) W.
12	5	½				All Sail Set. So ends the Day

W by N ¼ N	137	33	133	18°. 48"	18°. 47"	783	2°. 21"	39°. 20"

Longitude 39°. 20" W.

Latitude 19°..20" N.

h.	h.	½	Courses	Winds	½ W.	Wensday August 21st
						The Day fine Weather
2.	4					Little Winds and Fair. Sometimes
4	3	½	E. N. E.			Flying Clouds
6	5					
8	5			.....		All hands Imployed
						at Picking
10	4					
12	4					Pakum
2	3	½	N. E.			
4	3	½				Saw a
6	4			.....		
						Variation ½ P W
8	5					
10	3			N. N. E.		Ends the Day with a very
						warm Sun
12	4					All Said Set.

W by N ½ N.	77	24	93	19°..20"	19°..16"	4	36	1°..39"	40°..59"

Longitude 40°..59" W.

Latitude 19° 47" N.

H	K	½	Courses	Winds	½ W.	Thursday August 22nd
						This Day Shifty Winds
2	4	½		E. N. E.		and Squally Weather, Carried
4	4	½		.....		away the rengtail Boom —
6	3					All at making Reefs
						Looking Squally, with Pleas-
8	3			N. N. E.		ent Showers of rane,
10	1			.....		took in the Sails and
12	1	½		N by E.		Mainsail Very Dark
2	3			.....		Clear weather again, made
						whole Sail and Squared the
4	4			N		Yards,
6	4			.....		Took the Small Bower on
						the forecastle to repair
8	3			E.		Variation ½ P W
10	3	½		S. E.		
12	3	½				Thus ends the Day
						all Sail set.

W by N ½ N	75	22	72	19° 47"	19° 42"	908	1° 16"	42° 15"

Longitude 42° 15" W.

Latitude 20° 30'

H	K	½	Courses	Winds	L. W.	Friday August 23rd
2	4	½	W. by S.			This Day Beautiful Weather and fine Winds.
4	4	½		E by S.		
6	5	½		....		Finished the Anchor and Stowed it on the Gunwale, gave it and 4 Others a Coat of Tar,
8	5	½		E		
10	5	½				Showry
12	5	½	S. by W.	.....		Find the Leak to Increase
2	5				×	A Very large flying came on Board, Soon fell a Sacrifice to the Man,
4	5					
6	5	½	W. by N.	E. N. E.		This Morning the Clouds far Surpassed for Beauty and Grandure, any that I have ever Saw,
8	5			.....		
10	5					Variation ¼ Point West
12	5			N. E.		Thus ends the Day, all Sail set.

W. by N ¾ N.	123	42	116	20° 30'	20° 29'	1024	2° 04'	44° 19'
---	---	---	---	---	---	---	---	---

Longitude 44° 19'

Latitude 20° 53" S.

L.	Ln.	½	Courses	Winds	½ Pt	Saturday August 24th
2	4					This Day pleasent weather fair Winds
1	3					
5	3	½				
2	4	½				
10	3	½		,,,,,,,,,		Inclinable to a Calm,
10	2	½				
3	2	½				
4	3	½	,,,,,,,,,,,,,			Employed at fleeting the main Reggin
6	3	½				
8	3	½	W S W.			Variation 4 P. West
10	3					Thus ends the Day all Sail out
12	3	½				

W. 12° N	79	17	78	20° 53"	20° 53"	1102	1° 24"	45° 43"

Longitude 45° 43" W.

Latitude 21.. 22" N.

H.	K.	½	Courses	Winds	Fathoms	Remarks
						Sunday August 25th 1811
2	2	½		E		This like the Many past Days Beautiful Clear and good Weather
4	3		W.S.W.	E		
6	6	½	.....			Set up the Main, Maintop mast and Maintopgallant mast Shrouds
8	2			.....		
10	4	½				
12	4	½				
2	4			E.N.E.		Made Lady our Passage
4	4	½				
6	5	½		.....		I allow no Variation Leaveing made to the Northward of the Courses Steered
8	4	½				
10	4	½		E by S.		Saw Gulf Weed.
12	4	½				So ens the Day all Sail out
W.	14	S.	100	24	98	29.. 22" 21.. 17" 1200 1.. 46" 47.. 29"

Longitude 47.. 29" W.

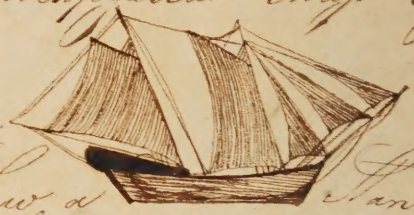
Latitude 21.. 41 N.

M	K.	½	Courses	Winds	W.	Monday August 26th
	5					This Day fine gales fair Weather and exceeding Warm
	4	½				
	4	½				
	5	½				
	6	½				Find the Leak to increase Moderately.
	6					
	6					
	5	½				All hands Imployed at fleting the fore
	6					Rigg'n.
	5	½				Variation 3/4 Point West
	5	½				Here ends the Day all Sail out
	6					

W ¾ N	133	19	132	21.. 41	21° 41'	132"	2°. 22"	49°. 51'

Longitude 49° 51' W.

Latitude 22° 13" N

h	h	½	Courses	Winds	L. W.	Tuesday August 27th
2	3					This Day very Weather Fair and pleasant Gales
4	5					Set up the fore foretopmast and
6	5					Foretopsailyard Mast Rigging
8	5					
10	5	½				Saw a Standing to
12	5	½				the S.W.
2	5					
4	4					Spoke the Brig Deamond from
6	4	½	.....			Portland bound for Martinico,
8	4	½				thought himself to be in Long
10	4		W.N.W.			of 56°.00" W. took the Sheet
12	4					Cable on Deck and browned it.
						Variation ¼ P West
						Thus ends the Day all Sail

W 11° N.	109	21	100	22.13	22.12	1440	1.37	51.48

Longitude 51°.48" West

Latitude 22° 45" N.

K	½	Courses	Winds	L. W.	Wensday August 29th "
3	½				This Warm weather and
3	½				Fair Winds —
4	½				
4					took the Shot Cable below
4					
4	½				Small Showers of rane
4					
4					Variation 5 Small I omit it
4	½				
4					All Sail Set
4					
3	½				Thus ends the Day

W. N. W.	76	29	70	22°45"	22°42"	1510	1°16"	53°4"

Longitude 53°04

Latitude 23° 17' N.

H.	K	½	Courses	Winds	L.
2	3				
4	2	½			
6	3	½			
8	4				
10	4				
12	5				
2	4	½			
4	3	½			
6	3				
8	4				
10	3	½			
12	3	½			

Thursday August 29th

Fine Gales

Smart Showers

Took 3 fine

Caught this

Day Swarming

Flatlings

Flying Clouds.

All Sail out

Thus ends this Day

W. N. W.	88	34	81	23°..17'	23°..19'	1591	1°..28"	54°..32"

Longitude 54°..32" W.

Latitude 24 . 20 " N.

K.	½	Courses	Winds	W.	Friday August 30th
4	½				Good Weather
4					
5					
6					Saw 3 large
5	½				
5					
5	½				Showers
4	½				Set the Jeb
4	½				
5					Took in the Jeb
4	½				Thus ends the Day
5					Still Sail out
W. S. W.	114	45	109	24 . 20	24 . 17	1700	2 . 00	56 . 32

Employed at Pumps

Longitude 56 . 32 " W.

Timothy Hammond Dr.

To Making one Pair of Shoes yours $ 00 " 68
" tapping and wetting one Pair X 00 " 25
" Making one Pair Shoes 68

Ephram Tinkham Dr

To Making one Pair of Shoes $ " 58
Making one Pair of Shoes X " 58

2						
4						
6						
8						
10						
12						
2						
4						
6						
8						
10						
12						

2						This is the Day of our expectation- this is the only day which we can boast of- tomorrow may not be ours- Life is just so uncertain.
4						
6						
8						
10						
2						
4						
6						
8						
10						
2						
12						

Latitude 25° 37" N.

H	K	½	Courses	Winds	L. W.	Saturday August 30th
2	6					This Day Brisk Gales
4	6		W N W.			and Squally Weather.
6	6					Saw a Large
8	6		.....			Sond the Brig to Leak
10	6	½				50 Strokes less when going 6 Knots
12	6					than when She goes but 3 —
2	6					Showers of Rane.
4	6					Sent the Main Stay Sail and the
6	6					Top Sail Sheets anew, at 2 Bells
8	6					A. M. Saw a very large rane Bow
10	7					from the reflections of the Moon.
12	7					All Sail Set,
						Sends the Dogs and Mouths

W	30°	N	148	74	128	25° 37'	25° 34'	1828	2° 22'	58° 54'

Longitude ° ' 58° 54' W.

Latitude 27.17 N.

h.	h.	½	Courses	Winds	L W.	Sept 1st Sunday 1811
						This Day Squally Weather
2	6	½		E N E		Squared the Yards
4	6	½		.....		Carried away the M. T. G. Stabbard as fast as we could repair them
6	6					Took in Lower Studin Sail
8	6			N E by E.		and Set the F. T. M. S. Sail
10	6			.....		Saw a faint flash of Lightning (the first Seen Since Sailing in the
12	6		.....			N. W. and a Schooner in the S. E Stand. to the North,
2	6	½		N. E.		
4	6	½		.....		Took in Studing Sails Top gallant
6	6					Sails &c in a Squall. which proved to be mostly Rain,
8	6			E. N. E.		Made Sail - - -
10	6	½				Saw a lumber Loaded Brig Steering S. E.
12	6	½				Thus ends the Day All Sail Set

W 38 N 148 95 115 27.17 27.12 1943 2.09 61.02

Longitude 61.02 W

Latitude 28° 45'

N	K.	½	Courses	Winds	Lee W.	Monday September 2nd 1811
						Fine Breezes and Smoothy
2	5	½				Weather,
4	5	½				
6	5	½		E.		Employed at Sundries,
8	5					
10	5	½		N.E.		Took in Studing Sail, hauled up
12	5	½				the Mainsail, and the foretopgallant
2	4		N.W.			Sail and Jib
4	5					Much Thunder and Litening
6	5					Some rane and Wind,
8	4	½		E.		Made hole Sail again
10	4	½				a Plenty of [illegible] under the Bows
12	5					Clear Weather, fine Gales.
						All Sail set,
						Thus ends the Day.

S.W.	121	86	86	28° 45'	28° 43'	2029	1° 37"	62° 39" W

Longitude 62° 39" W.

Latitude 30° 14" N.

Fl	Kt.	½	Courses	Winds	Lee W.	Tuesday Sept. 3rd
2	5					Fresh Winds and Fair.
					¼	Flying Clouds and Squalls.
4	5	½		E N. E	¼	At 6 Oclock the Moon rose in a
6	5			.....	¼	total Eclipse which was not entire
						off till 43 Minutes past 7
8	5	½			¼	By a Calculation made of the
						difference of the time of the
10	5	½		N E by E.	¼	eclipse here and at Belfast Ireland
						we find our Longitude to be
12	5	½		.....	¼	very near Correct. — —
						Braced the Yards
2	5				¼	Saw 4 Sail, 1 Ship 2 Brigs
4	5			N E	¼	and a Sail Sloop all Stand
						ing to the S. E. took in Studing—
6	5	½		.....	¼	Sails and Came on the Wind
						Spoke the Brig Charlotte from
8	5	½			¼	Providence bound for St Barthol
						omews out 11 Days. Supposes him—
10	6			N E by N.	¼	self to be in the Long. of 64° 30 W.
						Passed a Schooner at the same time.
12	6				¼	Thus ends the Day all Sail out.

N W ¼ W.	130	87	96	30° 14"	30° 12"	2125	1° 50"	64° 29"

Longitude 64° 29" W

Latitude 31° 35" N.

H	K	½	Courses	Winds	Lee Way	Wensday September 4th 1811
						Fresh winds and flying
2	5	½		N. E.		Weather, Saw a Gull —
4	5					found the following on the Log board
						To Mr.
6	5			.....		The moon is up Serene and bright,
8	4	½				Pray use her as a lamp for Life,
10	4	½		N E by N.		Behold her Lustre see her Smile,
12	5					She'll save you Sixpence worth of oil,
2	4			.....		A true Saying for we
4	4					made use of no other Illuminator for
6	4					the remaining part of the Night to
8	4			N. N. E.		Conduct us along the trackass Main —
10	3	½				This Day Concludes 17 Months Since we
12	3	½				left New York,
						Left one of the Pidgeons,
						Rigged in Studing Sail Boom,
						Passed a Brig under whole Sail
						Standing to the S. E. —
						150 Strokes per hour.
						Constantly for 3 hands,
						Thus ends the Day, all Sail Set.

N. W. 105 75 75 31° 35' 31° 29' 2200 1° 27" 66° 57" W.

Longitude 65° 57' W.

Latitude 32 ° 41 " N.

H	K	½	Courses	Winds	Wr.	Thursday Sept 5th
2	3	½		N by E		This Day Moderate Gales
4	3	½				
6	4					Saw Fish
8	3	½		-------		
16	4					Set Studing Sails
12	4					Took in Studing Sails
2	3	½		E.N.E.		Showers and Cloudy.
4	4			-------		Set Studing Sails
6	3	½		N.E.		
8	4			-------		Thus ends the Day
10	4			E.N.E.		
12	4					All Sail out

No No

N. W.	91	64	64	32 ° 41	32 ° 39	2264	1 ° 16	67 ° 13 "

a Mistake 67 ° 13 "

Longitude 65 ° 57 W.

Latitude 33.. 16' N.

H	M	½	Courses	Winds	Lee W.	Fryday Sept 6th D
						This Day uncommon moderate. Weather. but a little wind
2	2	½		N E		
4	2	½		.....		Repaired the Foretopmast Stay and Set it up,
6	3					
8	3	½		E. N. E.		Liberd Ship in Past as Toby learnt his Compass
10	3	½		.....		
12	3					The Moon Shone with Great Splender,
2	2	½		E		Saw a Distant waster spout.
4	2	½		.....		Unbent the foretopsail, and Bent another in its Stead,
6	1	½				
8	1	½		E. S. E.		Gave all the Masts a Coat of Slush.
10	2	½		.....		Saw a Bird
12	2	½		S E.		thus ends the Day all Sail out.

N. W.	50	35	35	33.. 16	33.. 13	2299	00. 42	67.. 55

Longitude 67.. 55' W.

Latitude 40, 33

read Backwards 33 „ 40

a Mistake in the Printer

H	K	½	Courses	Winds	Lee Way	Remarks Saturday Sept 7th
2	1					This Day flattering Winds and Calms,
4	1					took the Larboard Tacks on board for the first time Since leaving Bonavista which is 26 Days,
6	1					
8	1					
10	1					Rusted Studing Sails
12	0					
2	2					Serene and Mild weather
4	2					Saw a Plenty of Fish
6	2					Drawing off the rest a Sun Fish
8	2					
10	2					Employed at Sundries
12	2					Ends the Day all Sail out.

N	W	35	25	25	33 „ 40″	33 „ 41″	2324	00	30″ 68 „ 24

Longitude 68 ° „ 25 ′ W.

Latitude 34° 27" N.

h.	t.	½	Courses	Winds	W.	Sunday September 7th
2	2			S.		Moderate and fair Weather Hoyed the long Boat with Sail to Work on the riggin,
4	2					
6	2					
8	2			.....		Braced up the Yards.
10	2					
12	3					
2	4					
4	4			S. E.		Took the Wind from the N. W, in a Squall, hauled down Studing Sails, handed Topgallant Sails Fib and Mainsail. Much rane but a little wind —
6	3	½				
8	4	½				
10	2		.....	.....		Set Fib and M. T. G. S. no observation, Set Mainstaysail
12	2		N E by N.	N. W.		So ends this Day All Sail out.

N 44° W. 65 47 45 34° 27 2369 0° 54" 69° 19"

Longitude 69° 19" W.

Latitude 35° 28" N

h	h	½	Courses	Winds	½ W.	Monday Sept. 9th 1811
2	5	½			1½	Strong gales thick Weather
4	6				1½	Set a reefed Mainsail Topgallant Sail and Jib
6	5				1½	[illegible]
8	4				1½	Both Clear and Moderate
10	3	½			1½	[illegible]
12	3	½			1½	took in Foretopgallant Sail Stood out the Reef of the M. Sail
2.	3				1½	and handed the Main Staysail
4	4				1½	handed the Mainsail Maintop gallant Sail Mainstaysail Stay
6	4	½			1½	Sail and Jib, fresh gales and
8	4	½			1½	a quantity of rain Saw a Sail on the
10	5	½			1½	weather Bow at a great Distan
12	5	½			1½	ce a Bad Sea, Shipped some of them, Sounded the Day under whole Topsails

N W by W. 109 60 90 35° 28' 35° 27' 2450 1° 50' 71° 09'

Longitude 71° 09' W.

Latitude 37° = "

H	K	½	Courses	Winds	L.	Tuesday Sept. 10th 1811
						Strong Gales, Cloudy with
2	4				1	rane and a very bad Sea,
4	4	½	N. 00 by W.		1	Single reefed both Topsails and
6	4				1	Try Sail,
						Squally Tempestuous Weather
8	4		.....		.....	think ourselves to be on
						the Gulf Stream
10	4	½			2	Shipped much Water
12	4	½			2	Close reefed both Topsails and
						Try Sail
2	4				2	Troyed for Soundings but in vain,
4	4				2	
6	4				2	Set up the Main Stay, Main
8	3	½			2	Topmast Stay and Jack Stays,
						Shook out one reef of each Top-
10	4				2	Sail. - Set a whole Try Sail & Jib
						Saw a Ship Standing to the South,
12	6				2	allow 4½ Miles N. N. E. for Current,
						So ends the Day. Single reef'd T. S.

N. 25 W.	129	116	54	37° 26"	37° 24"	2504	1° 08"	73° 17"	

Longitude 73° 17" W.

Latitude 39.. 24 N.

Hr	Kn.	½	Courses	Winds.	Lee Way	Wensday September 11th 1811
						This Day very Disagreable weather
2	6					
4	6		N N W.		X	A Leaky Ship - a distant Shore, X
			½ W,			A Stormy Nite - Hoarse Thunders rose,
6	6					The Listening blaze - from pole to pole,
						White foamy waves across us roll,
8	6		.....			The raging Winds - Are Whistling loud,
						With Floods of rane - From every Cloud.
10	6					All these Contend - To Make it known
						That we Depend - On God alone, -
12	6			E N E		for Preservation.
2	3	½	N by W,			Reft reefed both Topsails and
						Inyfail, at Midnite got Sounding
4	3	½	.....			in 35 fathoms of water
6	3	½	N by E,			Shook one reef out of each Topsail
						Set a whole Inyfail and Jib,
8	3	½	.....			Saw 3 or 4 Schooners Standing
						to the S. E - but could not Speak
10	5					any of them, Carried away the
						Jib Sheets, handed the Sail
12	5		N. N. E,			Sounds the Day. Single reefed Topsails.

N by W.	120	118	23	39.. 24	2572	00	30..	72..	47

Longitude 72.. 47 W.

Staten Island

Thursday Sept. 12th 1811

This Day very Severe Weather Wind from S.W to S.E. Some rane. and Stering all round the Compass at 2 Oclock took the Jib in and Single reefed the Try Sail Saw a plenty of Vessels. Spoke but one which was Ship from Giberaltter to New York. thought himself to be 40 Miles to the South of Sandy Hook Lite house, At 4 appearances of a Gale. In 19 Fathoms of Water, Clost reefed both Top Sails, and Try Sail, wore round and Stood to the South, very Dark and Much rane, at 4 A.M. better Weather and Lite Winds hove about and Stood to the N.N.E. Set whole Top Sail Try Sail and Jib, at 8 Clear Weather wind South Set Top gallant Sails Main Top mast Stay Sail. Main Sail Studing Sails and royals, Stearing N.W. at 9 Saw the high Lands rite ahead at Noon hove too and took a Pilot the Lite bearing N.N.W. 2 Leagues Distant, at 2 Oclock let go our Anchor at the Quarintine ground, handed all Sails the health Offier gave us our Sentence to ly here 2 Days

This Day fine and Pleasent Weather, alternately Clear and Cloudy, Wind at S, S, W, One Ship, one Brig and 2 Schooners came to Anchor with the Quarentine flag Flying, in their Main Sarrouds, many Vessels passing up and Down, counted at one time all in Sight 35 Sloops under Sail and almost as many Schooners In the Morning went on Shore for Some Vegitables, Saw a Plenty of apples on the trees but Could not get any for Neather Love nor Money, Imployed, in Clensing out in order for Inspection and Put all things to Rights, at 4 Oclock Capt. Briggs returned from the City and brought me the News which I expected to hear, - the Death of My Mother, a loss which can never be made up to me again, this News I have been fearful of hearing all the Passage, though expected yet it is Distressing

Fryday September, 13th 1811

Orleans Island.

Position Single

A Schoolmaster being asked how many Scholars he had, said If I had as many more as I now have, three Quarters as many, half as many, one fourth as many and one eight as many, I should then have 435; I now inquire of this School Master?

Sup — 160
As many 160
3/4 — 120
1/2 — 40
1/4 — 40
1/8 — 20
580

580 : 435 :: 160
160
26100
435
58 | 69600 | 120
58
116
116
00

A person lent a Sum of money unknown, to receive Interest for the same at 6 £ per Cent. per annum Simple Interest and at the end of 12 Years received for principal and Interest 860 £. What was the Sum lent?

Suppose — 100 £
6
600
12
7200
100
172 — : — 100 — :: 860
100
172 | 86000 | 500 Ans.
860
1400
00

A. B. and C. joined their Stocks and Gained 350 £ of which A took up a certain Sum B took up 4 times as much as A. and C 8 times as much as B. what Share of the gain had each

Sup — 10
4 — 40
320
370

370 — : — 350 — :: 10
10
370 | 3500 | 9 £
3330
270
20
370 | 5400 | 9 s
3300
2100
12
370 | 8400 | 2 d.
7400
1000
4
370 | 4000 | 1/4 30/370 As Gain
3700
300

370 — : — 350 — :: 40
40
370 | 14000 | 37 £
1110
2900
2590
310
20
370 | 6200 | 16 s
370
2500
2220
280
12
370 | 3360 | 9 d
3300
60
4
370 | 120 | 0 120/370 As. Gain

Single Position

370 : : 350 :: 320

320

7000

1050

370 | 112000 | 302 £

1100

2000

740

260

20 S.

370 | 3200 | 14 -

370

1500

1480

20

12 d.

370 | 240 | 0

4

960 | 2 220/370 Cs Ca.

740

220

A certain Sum of Money is to be divided between 3 Men in such amanner that A shall have 1/4 B 1/5 C 1/10 D 1/20 and E the remainder which is £40; What is the Sum? - - - -

Ans. £200

1/4 = 50

1/5 = 40

1/10 = 20

1/20 = 10

120

£200

120

80

£

80 : : 40 : : 200

200

8 | 80 | 0/0

100 £ Ans.

A person after Spending 1/2 and 1/3 of his money had £26 2/3 left. What had he at first. - - - - - - - - - -

Ans. 24

12

8

20

24

20

4

4 : : 26 2/3 : : 24

24

26 2/3

144

48

624

16

4 | 640

160 £

Ans.

A and B talking of their ages B. said his age was once and a half the age of A. C. Said his was twice and one tenth the age of both and that the Sum of their ages was 93. What was the age of each.

Suppose A 40

B 60

C 210

310

310 : : 93 : : 40

40

310 | 3720 | 12 As B

310

620

620

310 : : 93 : : 60

60

310 | 5580 | 18 Bs A.

310

2480

2480

310 : : 93 : : 210

210

930

1860

310 | 19530 | 63 Cs Age

1860

930

930

Single Position

A Person having about him a Certain number of Dollors, said that 1/3 1/4 1/5 and 1/6 of them would make 57; Pray how many had he?

Suppose 120

1/3 = 40
1/4 = 30
1/5 = 24
1/6 = 20

114 — : — 57 — :: — 120

120
57
1140
114 | 6840 | 60
684
0

Ans 60

A Gentleman bought a Chaise Horse and Harness for 100 Dollors The Horse cost 1/4 more than the Harness, and the Chaise 1/3 more than the Horse What was the price of each

Harness 12
Horse 15
Chaise 20
47

47 — : — 100 — :: — 12

12
47 | 1200 | 25,53,1 8
94
260
235
250
235
150
140
10

47 — : — 100 — :: — 15

15 8
47 | 1500 | 31,91,4 X
141
90
47
430
423
70
47
230
188
42

47 — : — 100 — :: — 20

20 8
47 | 2000 | 42,55,3
188
120
94
260
235
250
235
150

A and B having found a Purse of Money Disputed who should have it A said that 1/3 1/10 and 1/20 of it made 35 8 and if B could tell him how much was in it he should have the whole otherwise he should have nothing; How much did the Purse contain?

Suppose 100

1/3 = 20
1/10 = 10
1/20 = 5

35 — 35 — 100

100
35 | 3500 | 100 8
35
0

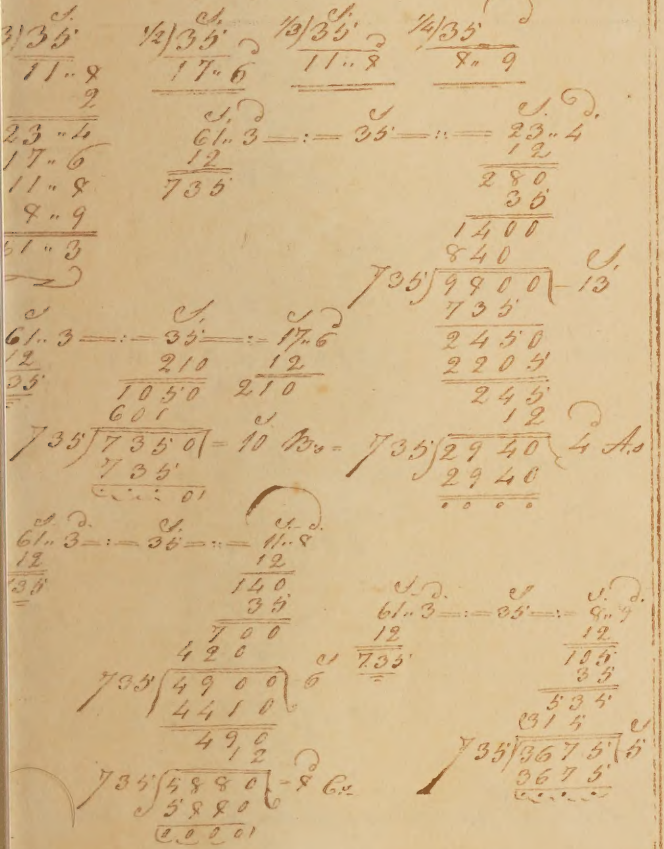
A Vessel has 3 Cocks A B and C; A can fill it in 1/2 an hour B in 1/4 Hour. and C in 1/3 of an Hour in What Time will they fill it together

4
3
2
9

C. M. C.
9 — 60 — 1
1
9 | 60 | 6 2/9 = 2/3

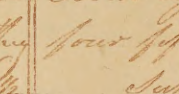
Single Position

A, B, C, and D spent 35 at a reckoning, and being a little disposed they agreed that A should pay 1/3 B 1/2 C 1/3 and D 1/4 What did each pay in the above proportion?

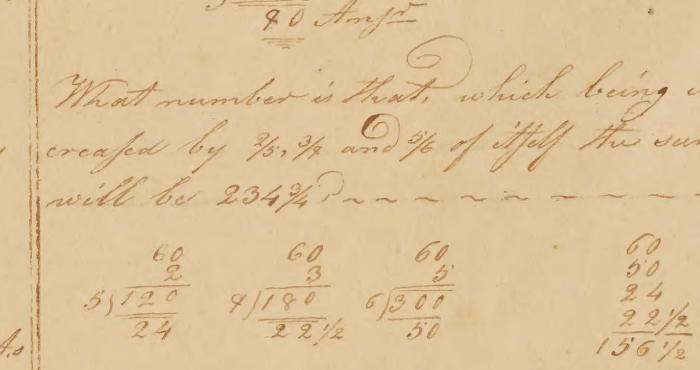


Seven eighths of a certain number exceeds four fifths by 2. What is that Number?

Suppose 24



What number is that, which being increased by 2/5, 3/4 and 2/6 of itself the sum will be 234 3/4?



Barter

How much cloth at 15s 6d per Yd. must be given for 3 Cwt 3 qr 19 lb of Steel at 5 Guineas per Cwt?

Cwt Gu. Cwt qr lb

1 : 5 :: 5 3 19

4 28 4

4 40 23

27 10 27

32 140 193

8 47

112 663

140

26520

663

112 | 92820 | 828

896

322

224

980

896

84

12

112 | 1007 | 9

1007

....

yd £ £ yd

15 9 : 1 :: 828 9

12 12

189 1665

829

yd qr

189 | 99450 | 52, 2, 2

940

545

378

167

4

qr

189 | 668 | 3

567

128

4

nu

189 | 512 | 2

378

Barter

Suppose A has 350 Yards of Linen at 1s 6d per yd. which he would trade with B for Sugar at 2s 6d per Cwt How much Sugar will the Linen come to

yd s yds

1 : 1 4 : 350

12 4

16 1400

4

5600 d

s Cwt d

25 6 : 1 : 5600

12 1

306 Cwt

306 | 5600 | 18 1 3

306

2540

2448

92

4 qr

306 | 368 | 1

306

62

4

248

7

306 | 1736 | 5 206/306

1530

206

A has Broadcloth at 44s per piece, and B has mace at 1.42s per lb. How many lbs of Mace must A give B. for 35 pieces of Cloth.

P s P s lb

1 : 44 : 35 142 : 1 : 1540

35 1

220 142 | 1540

132 1084

1540 lb.

Barter

A has 7½ Cwt. of Sugar at 12 £ per Ct. for which B gave him 12½ Cwt. of Flour. What was the Flour rated at per lb?

lb. : C. :: Cwt
1 : 12 :: 7½
4
30
4
120
7
840
12

Cwt : lb :: lb
12½ : 100 : 1
4 100
50 4 1400 | 10000 | 7 2/7 lb
200 7 9800
4 00 2800
2800

Two merchants Barter; A has 30 Cwt of Cheese at 23.6 per Cwt. and B. has 9 Peices of Broadcloth at 3.15 per Piece; Which must receive Money, and how much?

Cwt : £ s d :: Cwt
1 : 23.6 :: 30 Cwt
12
282
30
12 | 8460
705 s.

P : £ s d :: P
1 : 3.15 :: 9
12
75
9
675 s.

s.
705
675
210 | 30 s
£1.10

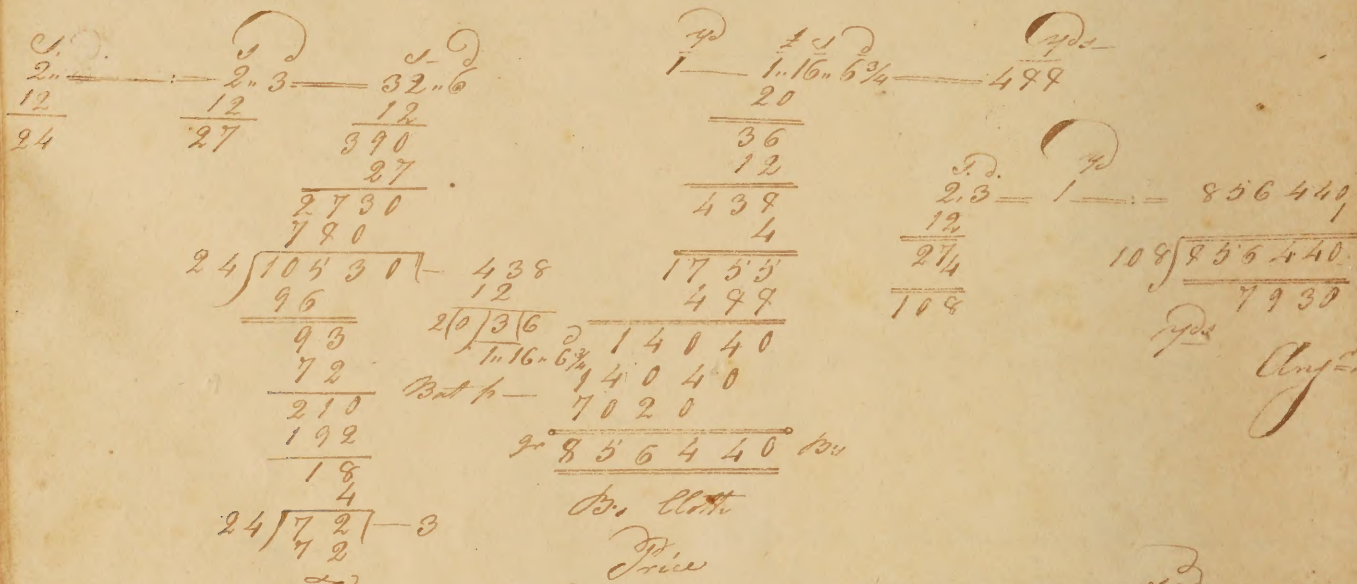
A and B would Barter; A has 150 Bush of Wheat at 5.9 per Bushel, for which B gave 65 Bushels of Barley, worth 2.10 per Bushel, and the balance in Oats at 2.1 per Bushel; What quantity of oats must A receive of B?

B. : s d :: B.
1 : 5.9 :: 150
12
69
150
3450
69
10350
2310
8140 Bal.

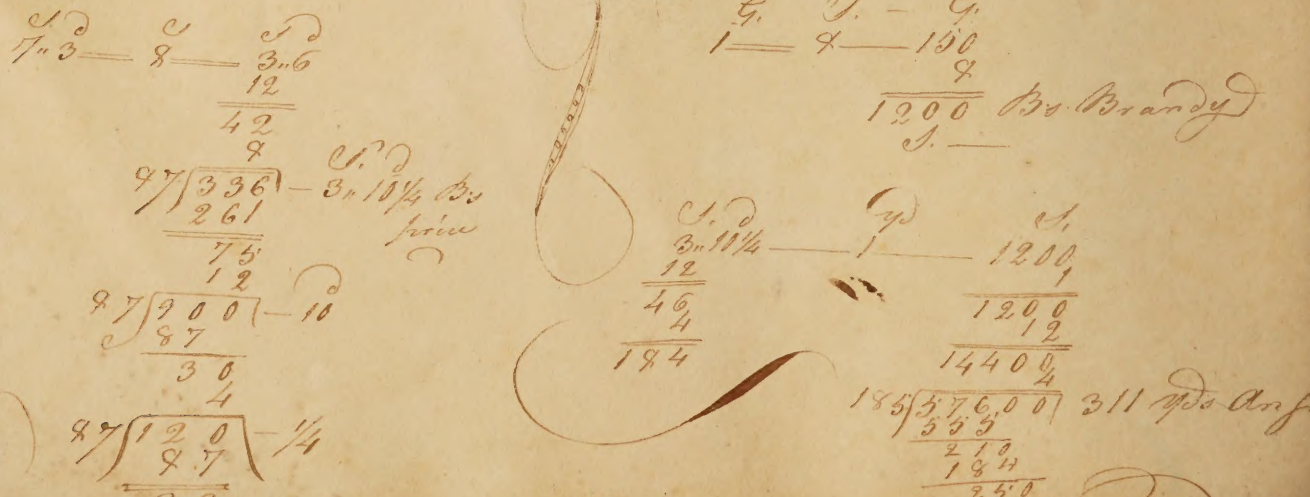
B. : s d :: B.
1 : 2.10 :: 65
12
34
65
170
204
2210

s d : B : d
2.1 : 1 : 8140
12
25
4 | 8140
5 | 1628
325 3/5 Bushels Answ

A has Ribbands at 2 per Yard ready Money; but in Barter he will have 2s 6d. B has Bradcloth at 32s 6d per Yard ready money; — At what rate must B value his cloth at per Yard, to be equivalent to A battering price, and how many yards of Ribband at 2s 3d per Yard must be given by A for 438 Yards of B's Broadcloth?



A and B barter; A has 150 Gallons of Brandy, at 7s 3d per Gal ready money. but in Barter he will have 8s per Gallon. B has Linen at 3s 6d per Yard ready money; How much must B sell his Linen per Yard in proportion to A's Bartering price and how many yds are equal to A's Brandy



P and L barter. P has Irish linen at 3s 7d per Yard; but in Barter will have 3s 10d. L delivers him Broadcloth at 1l 16s 6d per Yard worth only 1l 13s per Yard; Pray which has the advantage in Barter? and how much Linen does P give L for 140 Yards of Broadcloth

1 Yd — 1l 16s 6d — 148 Yds

20 / 36 / 12 / 438 / 148 / 3504 / 1752 / 438 / 64824 Nails

1/2 Cloth. 2

3s 7d — 3s 10d — 1l 13s

12 / 43 — 12 / 46 — 20 / 33 / 46 / 198 / 132

43 | 1518 — 35 / 129 / 228 / 215 / 13

43 | 156 — 3 27/43 Bartering Price

P has the Advantage

3s 10d — 1 Yd — 64824 Nails

12 / 46 — 46 | 64824 | 1409 / 46 / 198 / 184 / 424 / 424

A has 200 Yards of linen at 1l 6s ready money per Yd which he Barters with B. at 1l 9s per Yard taking buttons at 7½ per gross which are worth but 6; how many Gross of Buttons will pay for the Linen; who gets the best bargain and by how much both in the whole and per Cent?

1 Yd — 1l 9s — 200 Yds

12 / 21 / 200 / 4200

1 Yd — 1l 6s — 200 Yds

12 / 18 / 200 / 12 | 3600 / 2 | 0 | 300 / 15 / 14 / 1 £ gained in the Whole

7½ — 1 — 4200 Gr.

2 / 15 | 42000 | 560 / 78 / 90 / 90

1 — 6 — 560

6 / 12 | 3360 / 2 | 0 | 280 / 14

14 — 1 — 100 (7£ / 98 / 2

20 / 14 | 40 | 2 / 28 / 12 / 12 / 14 | 144 | 10 4/14 gain per Cent / 14 / 4

Equation

A owes Ds 104.15 ℔ to be paid in 4½ Months, 161 to be paid in 3½ Months, and 152.5 ℔ to be paid in 5 Months; What is the equated time for the payment of the Whole?

£	s.
104	15
161	
152	5
417	20
20	
8360	

£	s.
104	15
	20
2079	
	4½
9380	
1047½	
9427	

£
161
20
3220
3½
9660
1610
11270

£	s.
152	5
	20
3045	
	5
15225	
11270	
−9427½	

M. D.

8360) 35922½ (4 = 8 Anſr
33440
2482
20
D.
8360) 49640 (8
66880
2760

A owes B. 380 ℔ to be paid as follows Viz 100 in 6 Months 120 in 7 Months, and 160 in 10 Months; What is the equated time to pay the whole Debt?

£
100
120
160
380

£
100
6
600

£
120
7
840

£
160
10
1600
840
600

380) 3040 (8 Months Anſr
3040

Equation.

There is owing by a Merchant £699 to be paid £178 ready money £200 in 3 Months, and £320 in 8 Months; I Demand the Indifferent Time for the payment of the whole?

£
200
320
178
699

£
200
3
600

£
321
9
2560
200
178

M.
699) 3338 (4
2796
546
30
699) 16380 (23 Days Ansr
1398
2484
2094
390

S

The sums of 164.16.6 is to be paid 1/6 in 6 Months 1/3 in 8 Months and 1/2 in 12 Months; What is the mean time for the Payment of the whole?

S.
1/6) 164.16.6
27361
12
329332

S.
1/3) 164.16.6
54722
8
437776
329332
108444

S.
1/2) 164.16.6
82083
6
492498

164166) 1270606 (7 Months
1149162
121444
30
164166) 3613320 (22 Days Ansr
327332
328000
327332
2668

Equation.

A is indebted to B £150 to be paid £50 at 4 Months and £100 at 9 Months; B owes A £250 to be paid at 10 Months: It is agreed between them that A shall make present pay of his whole debt and that B shall pay his so much the sooner, as to balance that favour; I demand the time at which B must pay the £250 reckoning Simple Interest.

£.	£.
50.	100
4	9
200	900
	200

150 | 1000 | 900 | 100 | 30 — 6 ⅔ Months. The equated Time

150 | 3000 | 300 | 0 — 20 Days.

4

£.	M.	£
150	6⅔	250
20	3	3
3000	20	750
3		

150 | 9000 | 750 | 1500 | 1500 — 3/12 — 4 — M. 10 4 — 6 Months

6 Months time of B's payment.

Equation.

A Merchant has £120 due to him, to be paid at 9 Months; but the debtor agrees to pay ½ ready Money, and ⅓ at 4 Months; I demand the time he must have to pay in the rest, at Simple Interest, so that neither party may have the advantage of the other.

Debt	£ 120	£ 20	£ 60	£ 40
		6	6	6
½ = 60		£ 1,20	£ 3,60	£ 2,40
⅓ = 40		20	20	20
⅙ = 20		S 4,00	S 12,00	S 8,00

M. £ S. M. : 12 : 1,4 :: 1 M.

20 / 24 / 1

12) 24 (2 S.

M. £ S. M. : 12 : 3,12 :: 7 M.

20 / 72 / 7

12) 504 (42 S.

M. £ S. M. : 12 : 2,8 :: 4 M.

20 / 48 / 4

12) 192 (16 S.

S.
42
16
58

S. M. : 2 : 1 :: 58

1

2) 58 (29

7

12) 36 (3 Months Answ.

Factorage.

What comes the Comission on £539 12 9 ~~~~~ to at 4½ per Cent ~~~~~

£ S D
539 12 9
4½
21,58 11 0
269 16 4½
£ 24|24 07 4½
20
S. 5|67
12
9|09

£ S D
24 5 9 Ans.

My Factor receives £100 to lay out after having deducted his commision of 5 p. C. What does his Com amount to

£ £ £
100 ——— 5 ——— 100
5 5
105|1 105|5040 — 48 Ans.
420
840
840

My Correspondent writes me. That he has purchased goods to the Value of £672 12 5 What does his Commession on that Sum amount to at 3½ per Cent?

£ S
673 12
3½
2020 16
336 16
£ 23|57 12
20
S 11|42
12
D 6|24

£ S D
23 11 6

What must I allow my correspondent at 2¼ per Cent for disbursing on my account £396 15 6

£ S D
396 15 5
2½
991 10 10
99 17 8½
£ 9|10 8 6
20
S 19|09
12
D 7|02

£ S D
9 19 1
2

Brokerage.

What is the Brokerage upon £525 10 at 5 or ¼ per Cent?

£ S
S 5 = ¼ = 525 10
1|31 7 6
20
2|27
12
3|30
4
1|20

£ S D
1 2 3¼

What is the Brokerage upon £673 16 at ⅝ per Cent?

£ S
673 16
5
8|3369 00
£ 4|21 2 6
20
S 4|22
12
D 2|70
4
0 2|80

Brokerage

If a Broker sell goods to the amount of 2864 D. 46 c. what is his demand at 1½ per Cent?

$
2864 46
1½
2864 46
1 46 23
$ 42,96,9/10 Answ.

What is the Purchase of 1058 ₤ 12 s Bank Stock, at 115¾ per Cent

			₤ s
			1058 " 12
10	1/10	−	105 " 17 " 2¼
5	½		52 " 18 " 7
½	1/10		5 " 3 " 10¼
½	½		2 " 12 " 11
115¾ equal		−	1225 " 6 " 6½

Answer

Buying and Selling Stock

What is the Purchase of 275 ₤ 15 s Bank Stock at 74½ per Cent

₤				₤ s
100				275 " 15 " 0
74½	20	1/5		55 " 3 " 0
25½	5	¼		13 " 15 " 9
	½	1/10	−	1 " 7 " 6¾
				70 " 6 " 3¾
				204 " 9 " 9¼

What is the Purchase of 1029 ₤ 10 s 6 d Bank Stock, at 110¼ per Cent

₤			₤ s
			1029 " 10 " 6
110¼	10	1/10	102 " 19 " 0½
	¼	1/40	2 " 11 " 5½
Answ.			1135 " 1 " 0

What does 1600 ₤ capital Stock, in Massachusetts Bank come to, at 120¼ Per Cent

			₤
			1600
120¼	20	1/5	320
	⅛	1/160	2
			1922 ₤ Answ.

Insurance.

What is the Premium upon 537 ₤ " 15 " 9 at 6½ per Cent

₤ s d	
537 " 15 " 9	
	6½
3226 " 14 " 6	
½ − 268 " 17 " 10½	
₤ 3495 " 12 " 4½	
	20
s. 18)12	
	12
	148
	4
	594

Policies of Insurance

It is required to cover £759 Premium 8 per Cent; for what sum must the Policy be taken

£ 100 8 / 92 —— £ 100 —— £ 759

100

92 | 75900 | 825

736

230

184

460

460

When a Merchant sent a Vessel to sea valued at £1525; What Sum must the Policy be taken out for, to cover his Property Premium at 19½ per Cent?

80,5 —— £ 100 —— 1525

100

80,5 | 152500 | £1094 = 9 = 2½

805

7200

6440

7600

7245

3550

3220

330

20

80,5 | 6600 | 8 s

6400

160

12

80,5 | 1920 | 2 d

1610

310

4

80,5 | 1240 | ¼ Answer

£ 100

19,5

80,5

Policies of Insurance.

If a Policy be taken out for £1250 to cover £500 What is the Premium Per Cent?

£1250 — £500 — £100

100
1250) 50000
5000
00000

100
40
60 Answer

If a Policy be taken out for £1250 at 60 per Cent; What is the adventure, or Sum to be covered?

£100 — 60 — 40 — £1250

40
100) 50000 = 500 Answ.
500
00000000

Policies of Insurance

Policies of Insurance

A Merchent adventured £480-10 from Boston to Philadelphia from thence to Jamaica, an from thence home and the premium was 5 per Cent, from port to port. What sum must he take out a policy for, to cover his adventure the Voyage round, supposing the risk equal out and home and tantamount to the several given risks?

£	£	£	£
100	100	100	480,5
5	5	5	100
95	95	95	480500
	95		100
	475		48050000
	855		100
	9025		857375 | 4805000000
	95		4286875
	43125		5181250
	9 1225		5144250
	857375		370000
			20
			857375 | 7400000 8
			6859000
			541000
			12
			857375 | 6492000 7
			6001625
			490375
			4
			857375 | 1961500 ... ½ Answ^r
			1714750
			246750

£ s. d.
560-8-7½

Policies of Insurance

(at 3/per C

A merchant adventured £500 from Newburyport to Southcarolina from thence to Gaudaloupe, at 4 per Cent. from thence to Nantz at 5 per Cent. and from thence home, at 6 per Cent; For what sum must he take out a policy to cover his adventure the Voyage round, supposing the risque to be equal out and home and tantamount to the several given risques?

£	£	£	£
100	100	100	100
3	4	5	6
97	96	95	94

96
570
855
9120
97
638400
02090
884640
94
3539560
7961760
831561160

£500
100
50000
100
5000000
100
500000000
100

831561160) 50000000000 (601 £
49893696
1063040 60
9315616 0
2314784 0
20

831561160) 46295689 00 (5 s.
41578090 0
4717600 0
12

831561160) 56611200 0 (6 d.
49893696 0
4717504 0
4

831561160) 26870016 0 (3/4 Ans
24946848 0
1923168 0

Policies of Insurance.

Mensuration

Quest. 1st. The largest of the Egyptian is square at the Base and measures 693 feet on a side How much ground does it cover?

693
693
2079
6237
4158
9 | 480249
30,25 | 533361
3025
23111
21175
19360
18150
12100
12100

40 | 1764 | 4 | 44
160
164
164
4
11 .. 4

11 Acres and 4 Poles Ans.

Quest. 2nd. What difference is there between a floor 20 Feet square and two others, each 10 Feet Square?

20
20
400

10
10
100

10
10
100

100
100
200

400
200
200 Feet Answer

Mensuration

Quest^{n} 3rd " There is a Square of 2500 Yards in area; What is each side of the Square, and the breadth of a walk along one side and one end which may take up just one half the Square?

5 | 25'00' | 50 each Side
25
100 | ''00

½ | 25'00'
6 | 12'50'
9
65 | 3'50
325
703 | '2500
2109
7065 | '39100
35325
70702 | '177500
141404
707045 | '3609600
3535225
''74375

Feet 35.3525

50.0000
35.3525
14.6475 Breadth of the Walk

Quest^{n} 4th " A pine plank is 16 feet and 5 Inches long, and I would have just a Square Yard Sit off; At what distance from the edge must the line be drawn?

F. - In.
16 " 5
12
197

1/3
3/3
3/9
144

197 | 1296 | 6 144/197 Inches Answ^{r}
1182
114

Application Spelling

Ques. 5th If the area of a triangle be 900 Yards, and the perpendicular 40 Yards: Required the length of the base?

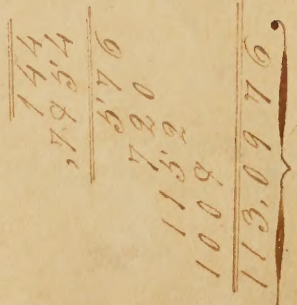
900
2
40) 1800
45 — Yards Ans.

Ques. 6th If the three sides of plain triangle be 24, 16, and 12 Perches; Required its Area?

24	26	26	26	26
16	24	16	12	14
12	2	10	14	84
2) 52				28
26				364
				10
				3640
				2

Ans.
8) 7280 — 85, 32 Perches Area
64
165) 880
825
1703) 5500
5109
17062) 39100
34124
4976

Ques. 7th Required the area of a circular Garden whose Diameter is (12 Rods



Poles Answ.

Rhenjuration

Quest^{n} 8th The wheel of a Perambulator turns just once and an half in a rod; What is its Diameter?

16.5
2
3
3 | 33,0
11
,31831
3,50141 — 3½ Feet Answ^{r}

Quest^{n} 9th Agreed for the platform to the Curb of a round well at 7½ per Square foot; the Inward part, round the mouth of the well is 36 Inches in Diameter, and the breadth of the platform was to be 15½ Inches; What will it come to?

15,5
2
31,'
36
67

67
67
469
402
4489
7854
17956
22445
35912
31423
3525,6506
1017,8794

36
36
216
108
1296
7854
51 84
6480
10336
072
1017,8794

144 | 2507,8722
144
1067
1008
5978
576
2027
1440
8832
7200

Square feet,
17,4157
30
4 | 522,4710 — ¼
12 | 130
10 .. 10¼ Answ^{r}

Mensuration

Quest. 10th Required the difference between the Area of a Circle, whose radius (or semidiameter) is 50 Yards, and its greatest inscribed Square?

50
2
100
100
10000
100
1000000

,7854
100000
78540,00000
5000
2854 Answer

50
50
2500
2
5000

Quest. 11th There is a Section of a Tree 25 Inches over; I Demand the difference of the Areas of the inscribed and circumscribed Squares and how far they differ from the area of the Section

25
25
125
50
625

25
12,5

25
25
125
50
625

25
25
125
50
625
312,5
312,5 The difference of the Squares.

25
25
125
50
625
7854
2500
3125
5000
4375
490,875
625
134,125 Circumscribed Square more than the Section

12,5
12,5
625
250
125
15625
2
312,5

25
25
125
50
625

7854
625
39270
15708
47124
490,8750
312,5
178,3750 Inscribed Square less than the area of the Section

Mensuration.

Lesson 12th Four Men bought a Grindstone of 60 Inches Diameter How much of it Diameter must each grind off to have an eaqual share of the Stone, if one first grind his share and then another, till the Stone is ground away makeing no allowance for the eye.

60 × 60 = 3600 − 900 = 2700

3600 ÷ 4 = 900

2700 | 51,9615' Inches

2700 − 25

101 | 200 − 101

1029 | 9900 − 9261

10386 | 63900 − 62316

103921 | 158400 − 103921

1039225 | 5447900 − 5195125

2327775

2700 − 900 = 1800

1800 | 42,4264 (16)

82 | 200 − 164

844 | 3600 − 3376

8482 | 22400 − 16964

84846 | 543600 − 509076

848524 | 3452400 − 3394096

58404

1800 − 900 = 900

900 | 3 = 300

9

00

60

51, 9615' 1st Share

4, 0385

51. 9615

42. 4264 2nd Share

9. 5351

42. 4264

30 3rd Share

12. 4264

30 4 Share

Menseration

Queſtn 13th If a cubic foot of Iron were hammered, or drawn, into a Square bar, an Inch about, that is, ¼ of an inch Square Required its length, Supposing there is no waste?

,25
,25
125
50
,6 2 5
4
2,5

12
12
144
12
2,5) 17,27 (..... 12) 6912
150 576 Feet Answ
229
225
,,30
25
50
50

Queſtn 14th Required the axes of a Globe, whose Solidety may be just equal to the area to its Surface

,7854
4
5236) 3,1416 (6 Inches Answ
+ 3,1416

Queſtn 15th If a Joist is 7½ Inches wide, and 2¼ thick; but I want one just twice as large, which Shall be 3¾ Inches thick What will be the breadth?

2,25
7,5
1125
1595
16875
2
3,75) 3375 (9 Inches Answ
3375

1797

Menseration

Lll^{bs} 16th 99 I have a square Stick of Timber 18 Inches by 14; but one of a third part of the Timber is R. provided it be 8 Inches deep, will fitter, how wide will it be

18
14
3 | 252
8 | 84
10 4/2 Inches Ans^{r}

Lll^{bs} 17th 99 A had a beam of Timber 18 Inches Square throughout and 25 Feet long, which he battered with B. for an equilateral triangular beam of the same length, each side 24 Inches; required the Ballance at 1/4 per foot?

18
3
54
6
234
5
1620
5
Feet
144 | 8100 | 56,25 Solidity of the Square Beam
720
900
864
360
288
720
720

21 the Perpendicular let fall on one of the sides of the triangular beam is 21 Inches, the half of which is 10.5;
10,5
24
420
210
Feet
144 | 252 ..... | 1,75 Area at the end.
144
1090
1008
720
720
,,,

17,5
24
870
350
43,70 Solidity of the Tryangular beam;

Feet — S. d. — Feet
1 — 1/4 — 12,5
12 — 16
16 — 750
125
12 | 2000
Ballance due to A ——— 16 8

56,25
43,75
12,5 Feet Difference

Names of Subscribers	January 19th	January 20th	January 21st	January 22nd	January 23rd	January 24th	January 25th	January 27th	January 29th	January 30th	January 31st	February 2nd	February 3rd	February 4th	February 5th	February 6th	February 8th	February 9th	February 10th	February 11th
Whole No—	24	25½	25	28	23½	23	23	25	23	25	25	28	25½	28	25½	27½	26	22½	26	
A. Davis.	2	2	3	3	3	3	3	1½	1½	2	1	2	2	2½	3	2	3	3	3	
J. Bennett.	2	2	2	2	1	3	2	2	1	2		2	2	2	1	2	2	2	2	
S. Hammett.	1	1	1	1	1	1	1	1	½	1	1	1	1	1	1	1	1	½	1	
T. Cook —	3	3	3	3	2½	2	2½	2½	2	2	2	2	1½	2	1½	2	2	2	2	
Weaver —	1½	1	1	2	1½	1	1	2	2	½	2	1	2	2	2	2	1½	½	2	
Delano, —	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
B. Terry, — Jr.	2	3	3	3	2	2	2	2	2	2	4	4	3	3	3	3	3	3	3	
N. Saber. —	2	2	2½	3	2½	3	3	3	3	2	2½	3½	3	3	3	3	2	2	1	
A. Venuent.	3	3	1	3	2½	3	3	3	2	3	4	3½	3	4	3½	3	3	2½	3	
J. Venuent.	2	2	2	2	1½	1	1	1	1	2	2	2	2	2	2	2	2	2	2	
Cowen	½	1	1	1	1	1	½	1	1	1	1	1	1	1	1	1	1	1	1	
B. Terry	2	2	2	1½	1½		2	1½	1½	1½	1½	2	1	1	½	2	½	1½	1	
S. Terry —		½	½																	
S. Gammon		2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	3	1	2	
Rand —			1	½	½	1		1	1	1				1	½	½			1	
Sherman								½	1	1	1	1	1	½	½	1	1	1	1	

February 24½	February 25½	February 22	February 22	February 28½	February 27	February 23	February 26	February 22½	February 23	February 23	March 23½
3	3	3	2	3	3	3	3	3	3	3	3
2	3	2	1	3	1	2	2		2	2	2	2
1	1	1	1	1	1	1	1	1	1	1	1	1
½	2	1	2	2	2	2	2	2	2	2	2	2
2	2	1½	1	3	3	2	2	1½	2	1	1½	2
1	½	1	1	1	1	1	1	1	1	1	1	1
½	2½	3	3	3	3	3	3	3	3	3	3	2
½	½	2	2	2	2	1	1½	2	2	2	1	1½
½	3	3	3	3	3½	3	3	3	3	3	2½	3
2	2	2	2	2	2	2	2	2	1	2	2	2
	1	1	1	1½	2	1	1	1	1	1	1	1
½	2	1½	1	1	1½	1	1½	1			½	1
3	3	1	2	3	2	2	3	2	2	2	3	2
1												
1			1									

Board

Paul Cook 4 Days
Joshua Vincent 4 Days
Shubil Hamets 2 Days.
Aron Davis 3½ Days.
Weaver 4 Days
Joseph Bennts 4 Days
Cowen 2 Days
Benjamin Taber 3 Day.

First Week 17 5/6
2nd Week 18 4/6
3rd Week 20
4th Week 22 3/6
5 Week 20 2/6
6 Week 13

Joshua Vincent 2 Feet 2
Abner Vincent 3 Feet 2
Cowen 1 Foot 2
7th Week 23

Fence Makers

Abner Vincent //
Andrew Davis //
Sanford Terry /
Benjamin Terry //
James Hammit ///
Otis Davis //
Paul Cook //
William Taber //
John Weaver //
Isyatt Sherman //
Ebenezar Gammons //
Leonard Bennt //
Ebenezar Terry //

Joseph Bennd 2 Feet 2
Shubel Hamit 1 Foot
Benjamin Terry 2 Feet 2
Weaver 2 Feet 2
Aaron Davis 3 Feet 2

Nath.l Hammond 3d

Timothy Hammond

Stephen Wing

John Gibbs

Samuel Letsom

Joseph Davis

Nath.l Hammond

Elisha Dexter

Darby Beard

Ebenz.r Rogers

Isaac Bowles

Benjamin Buck

George Barlow

Elisha Dexter

Timothy Hammond

Nat.l Hersey

Timothy Hammond

Nath.l Hammond

417
60
13
299
777
468
28
12774
24
893
2191
1026
278
3499
23
59
99
3576
6
23
37
5
50
3595

43
56
41
140
34
33
53
2360
14
17
41
12
12
4
3556
22
11
11
394
4
7
8
417

ODHS
E196